

SEQUENCE LISTING

<110> BIOMIRA INC. et al.
 <120> IMMUNOSTIMULATORY, COVALENTLY LIPIDATED OIGONUCLEOTIDES
 <130> JIANG=4A PCT
 <140> PCT/CA03/00135
 <141> 2003-02-04
 <150> 60/353,195
 <151> 2002-02-04
 <160> 12
 <170> PatentIn version 3.3
 <210> 1
 <211> 10
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthesizable sequence, corresponds to 128H described in Cheng et al.
 USP 5,646,126
 <400> 1
 cacacgtgtg 10
 <210> 2
 <211> 25
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 <223> Synthesized peptide shown in Fig. 17 BP1-148
 <400> 2
 Ser Thr Ala Pro Pro Ala His Gly Val Thr Ser Ala Pro Asp Thr Arg
 1 5 10 15
 Pro Ala Pro Gly Ser Thr Ala Pro Pro
 20 25
 <210> 3
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthesizable activating sequence, shown in Fig. 1
 <400> 3

ggtgcatcga tgcagggggg

20

<210> 4
<211> 10
<212> PRT
<213> Leishmani major

<400> 4

Glu Ala Glu Glu Ala Ala Arg Leu Gln Ala
1 5 10

<210> 5
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> MUC1 repeat consensus sequence

<400> 5

Pro Ala Pro Gly Ser Thr Ala Pro Pro Ala Gln Thr Ala His Gly Val
1 5 10 15

Thr Ser Ala Pro Asp Glu Thr Ser Arg
20 25

<210> 6
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> MUC1 fragment

<400> 6

Pro Gly Ser Thr Ala Pro Pro Ala His Gly Val Thr
1 5 10

<210> 7
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<212> PRT
<213> Artificial Sequence

<220>
<223> MUC1 fragment

<400> 7

Thr Leu Ala Pro Ala Thr Glu Pro Ala
1 5

<210> 8
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MUC1 fragment

<400> 8

Ala Leu Gly Ser Thr Ala Pro Pro Val
1 5

<210> 9
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MUC1 fragment

<400> 9

Phe Leu Ser Phe His Ile Ser Asn Leu
1 5

<210> 10
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> MUC1 repeat

<400> 10

Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala
1 5 10 15

Pro Pro Ala His
20

<210> 11
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthesized peptide shown in Fig. 17 as intermediate

<220>

<221> misc_feature
<222> (27)..(27)
<223> Lys is modified by a palmitoyl group

<400> 11

Ser Thr Ala Pro Pro Ala His Gly Val Thr Ser Ala Pro Pro Asp Thr
1 5 10 15

Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro Lys Gly
20 25

<210> 12
<211> 12
<212> PRT
<213> Plasmodium falciparum

<400> 12

Asn Ala Asn Pro Asn Ala Asn Pro Asn Ala Asn Pro
1 5 10